

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D204-635 REV. G AND LATER APPROVED REVISIONS AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D204-635 REV 4 AND LATER APPROVED REVISIONS

REF CANADIAN STC: SH96-88
REF FAA STC: SR00563NY
REF EASA STC: EASA.IM.R.S.01303

1.0 PURPOSE

For D204-635-041 at CHG 006 or later, D204-635-011 at CHG 011 or later, the rubber gaskets that are installed between the wearshoes and the bottom of the skidtube have been replaced with a textured coating. This change facilitates wearshoe installation and prolongs the life of the wearshoes. The D3564-X wearshoes with textured coating may be installed on skidtubes at earlier change numbers and no longer require installation of the D3566-X rubber gaskets. This service instruction also introduces the D204-635-043 Replacement Wearshoe Kit for customer convenience.

2.0 INSTALLATION

See Figure 1 of this Service Instruction for installation of the wearshoes on the D204-635-041 at CHG 006 or later, and D204-635-011 at CHG 011 or later. The parts list in Section 5.0 of Installation Instructions D204-635 and Section 32.10 of the Instructions for Continued Airworthiness ICA-D204-635 is updated as follows.

3.0 UPDATED PARTS LIST

IS:

Item	635 -011	635 -041	641 -011	Part Number	Description
6A		1		D3564-9	* WEARSHOE (REPLACES D2577-1)
7A		1		D3564-11	* WEARSHOE (REPLACES D2577-3)
8A		1		D3564-7	* WEARSHOE (REPLACES D2577-7)
9A		1		D3564-13	* WEARSHOE

WAS:

Item	635 -011	635 -041	641 -011	Part Number	Description
6A		1		D3564-9	* WEARSHOE (REPLACES D2577-1)
6B		1		D3566-1	* GASKET
7A		1		D3564-11	* WEARSHOE (REPLACES D2577-3)
7B		1		D3566-1	* GASKET
8A		1		D3564-7	* WEARSHOE (REPLACES D2577-7)
8B		1		D3566-7	* GASKET
9A		1		D3564-13	* WEARSHOE
9B		1		D3566-13	* GASKET

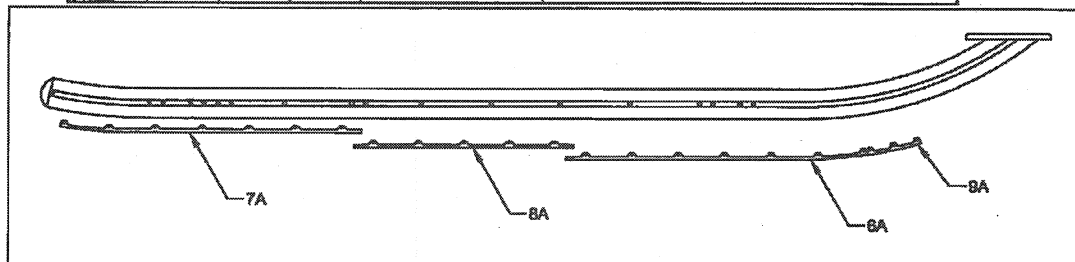


Figure 1

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO #01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 18.12.18
CERT. NO.: SH96-88
ISSUE NO.: 3

APPROVED

A	NEW ISSUE	SAD	18.12.18
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD	DART AEROSPACE LTD	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9782	SHEET 1 OF 2
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	WEARSHOE INSTALLATION	NTS
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4.0 REPLACEMENT WEARSHOE KIT

Item	635 -043	Part Number	Description
	X	D204-635-043	REPLACEMENT WEARSHOE KIT
1	1	D3564-7	* WEARSHOE (REPLACES D2577-7)
2	1	D3564-9	* WEARSHOE (REPLACES D2577-1)
3	1	D3564-11	* WEARSHOE (REPLACES D2577-3)
4	1	D3564-13	* WEARSHOE
5	44	AN3C4A	* BOLT (REPLACES AN3-4A)
6	44	NAS1149C0332R	* WASHER (AN960C10L)

5.0 WEARSHOE REMOVAL/ REPLACEMENT

- 5.1 Remove D3564-7/-9/-11/-13 wearshoes by removing AN3C4A bolts and NAS1149C0332R washers.
- 5.2 Inspect wearshoes for serviceability per ICA-D204-635 section 5.2.2 and replace if required.
- 5.3 If present, clean residual sealant off the bottom of the skidtube. Check for skidtube corrosion and mechanical damage in accordance with ICA-D204-635 Chapter 5 and repair as required. Inspect the condition of the Rockguard 4714A sealant on the wearshoes. If damaged, remove using an abrasive pad. Apply a new layer of Rockguard 4714A sealant (0.020" - 0.040" thick) (0.5 - 1.0 mm thick) and allow to cure per Manufacturer's Instructions.
- 5.4 Install D3564-7/-9/-11/-13 using AN3C4A bolts and NAS1149C0332R washers. Torque AN3 bolts to 20 to 25-lb (2-3 N-m)

6.0 WEIGHT AND BALANCE

There is negligible weight and balance change associated with this modification

APPROVED

DESIGN	SAD	DART AEROSPACE LTD	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9782	SHEET 2 OF 2
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	WEARSHOE INSTALLATION	NTS
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